

FIG.1

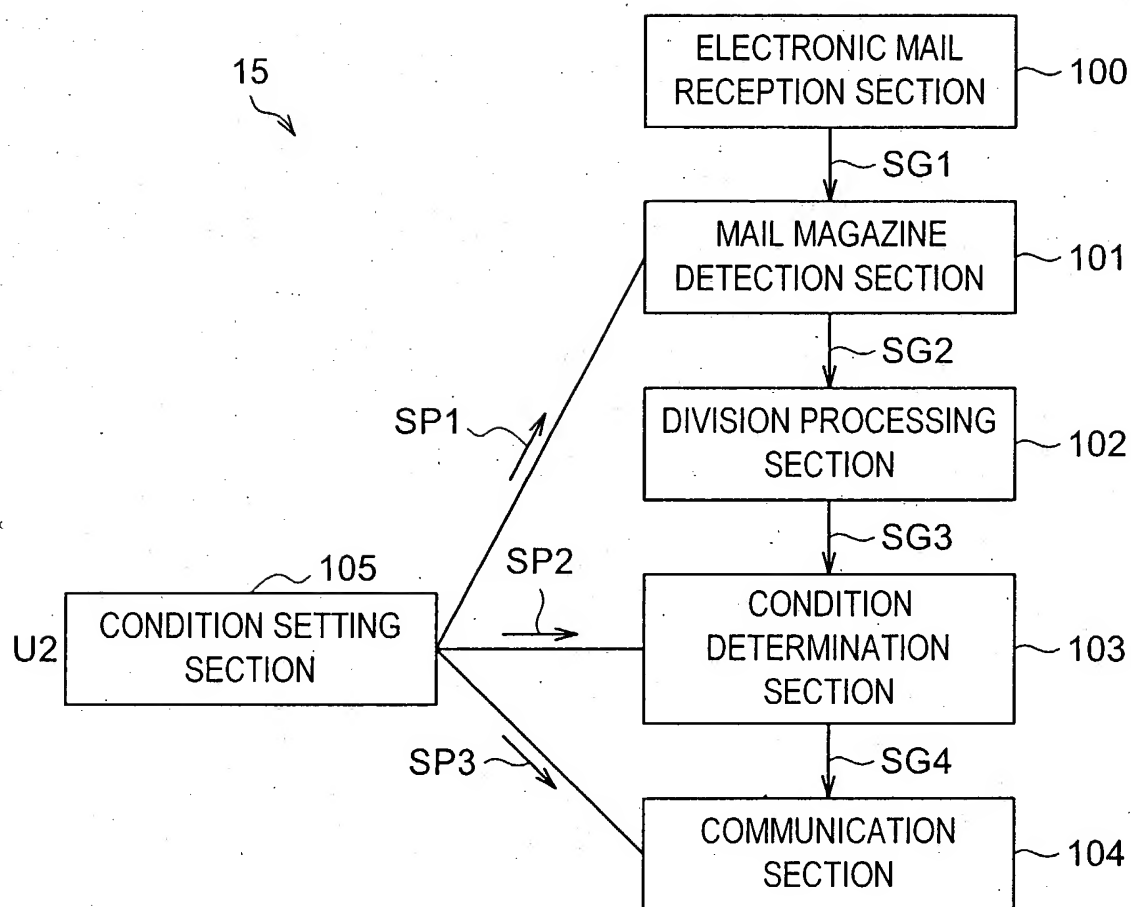


FIG.2

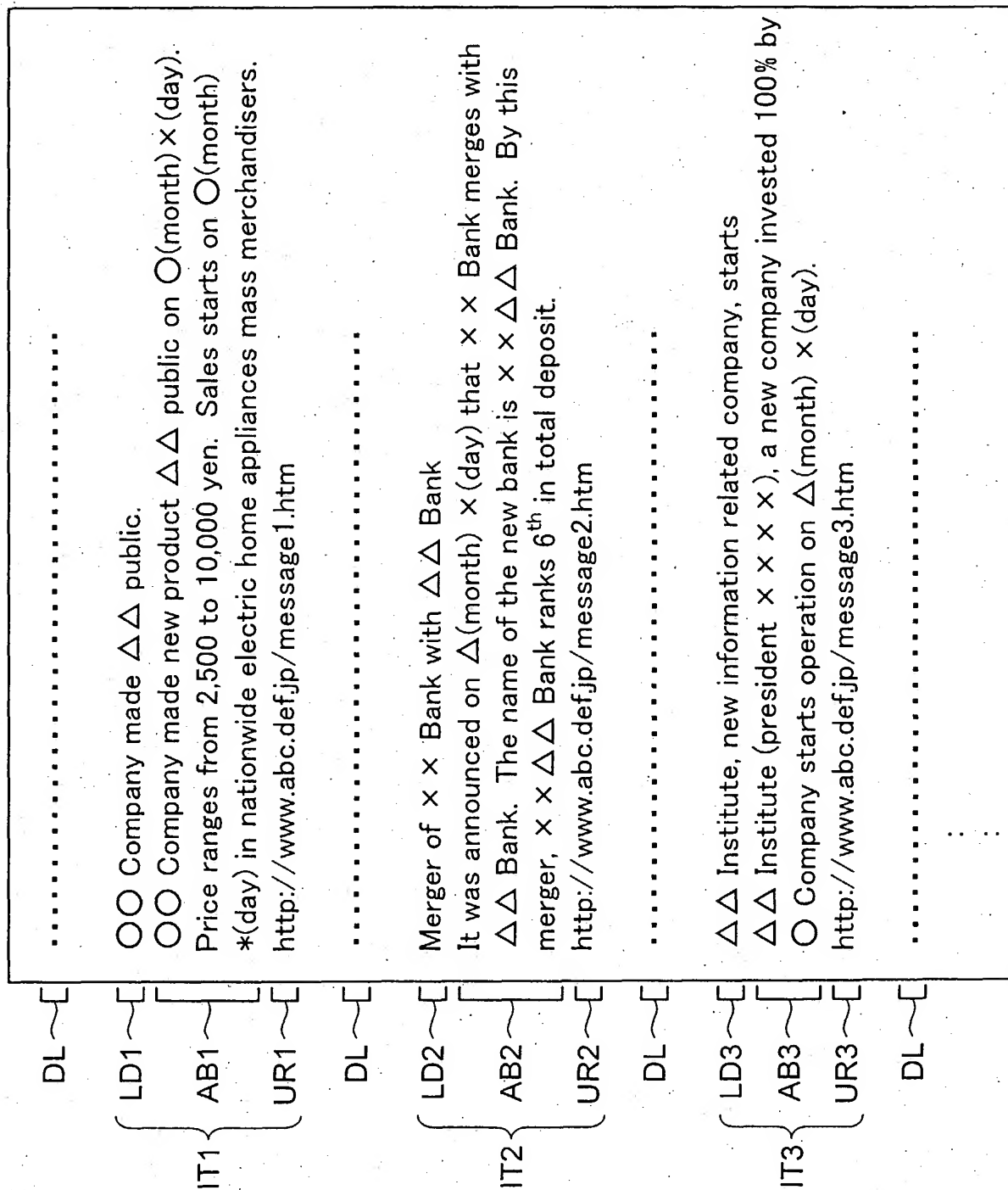


FIG.3

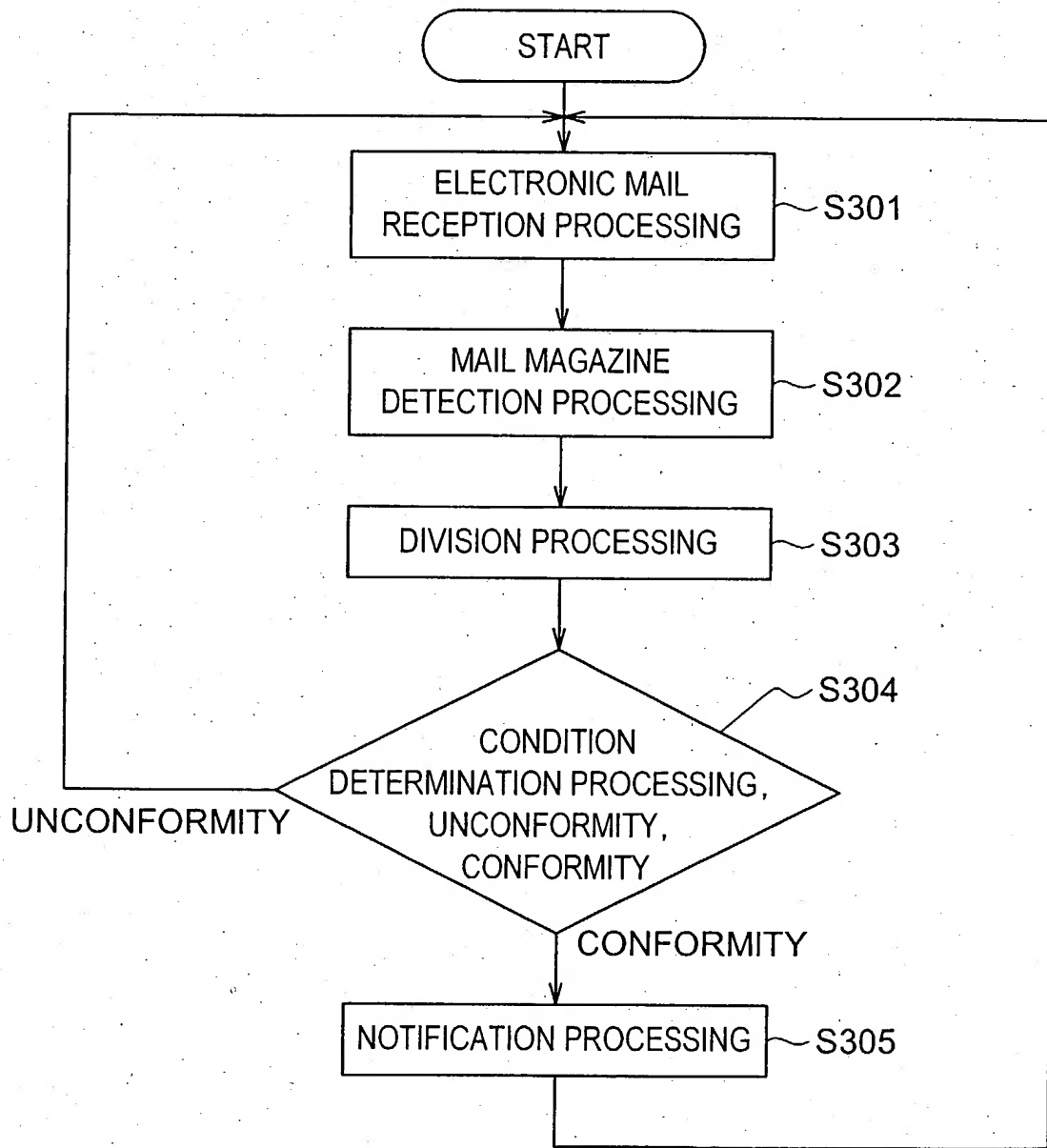


FIG.4

<div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div></div></div>			
CONDITION SETTING SCREEN			
	SELECT CONDITION	NOTIFICATION DESTINATION	NOTIFICATION TIMING
1	MERGER	xxx@abc.def_gh	just after arrival
2			
	...	...	...
6			

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FIG.5A

○○ Company made △△ public.  
○○ Company made new product △△ public on ○(month) × (day).  
Price ranges from 2,500 to 10,000 yen. Sales starts on ○(month)  
\*(day) in nationwide electric home appliances mass merchandisers.  
<http://www.abc.def.jp/message1.htm>

IT1

FIG.5B

Merger of × × Bank with △△ Bank  
It was announced on △(month) × (day) that × × Bank merges with  
△△ Bank. The name of the new bank is × × △△ Bank. By this  
merger, × × △△ Bank ranks 6<sup>th</sup> in total deposit.  
<http://www.abc.def.jp/message2.htm>

IT2

FIG.5C

△△ Institute, new information related company, starts  
△△ Institute (president × × × ×), a new company invested 100% by  
○ Company starts operation on △(month) × (day).  
<http://www.abc.def.jp/message3.htm>

IT3

FIG.6A

key	att.	ARTICLE ID
$\Delta \Delta$	PRODUCT NAME	001
$\Delta \Delta$	COMPANY NAME	001
$\vdots$	$\vdots$	$\vdots$
$\Delta \Delta$	BANK NAME	002
$\Delta \Delta$		002
$\vdots$	$\vdots$	$\vdots$

KEYWORD TABLE  
 KT1

FIG.6B

USER IDENTIFICATION INFORMATION	ELECTRONIC MAIL IDENTIFICATION INFORMATION
user2	020514-001-0001
user2	020515-001-0002
user2	020516-001-0001
$\vdots$	$\vdots$
user3	020514-001-0001
$\vdots$	$\vdots$

USER TABLE  
 UT1

FIG.6C

ARTICLE ID	TITLE	RESIDENCE	SUMMARY	ELECTRONIC MAIL IDENTIFICATION INFORMATION
001	OO COMPANY	http://www	On $O(\text{month}) \times (\text{day})$ , OO Company ...	020514-001-0001
002	x x BANK	http://www	On $\Delta(\text{month}) \times (\text{day})$ , x x Bank and $\Delta \Delta$ Bank ...	020514-001-0001
$\vdots$	$\vdots$	$\vdots$	$\vdots$	$\vdots$

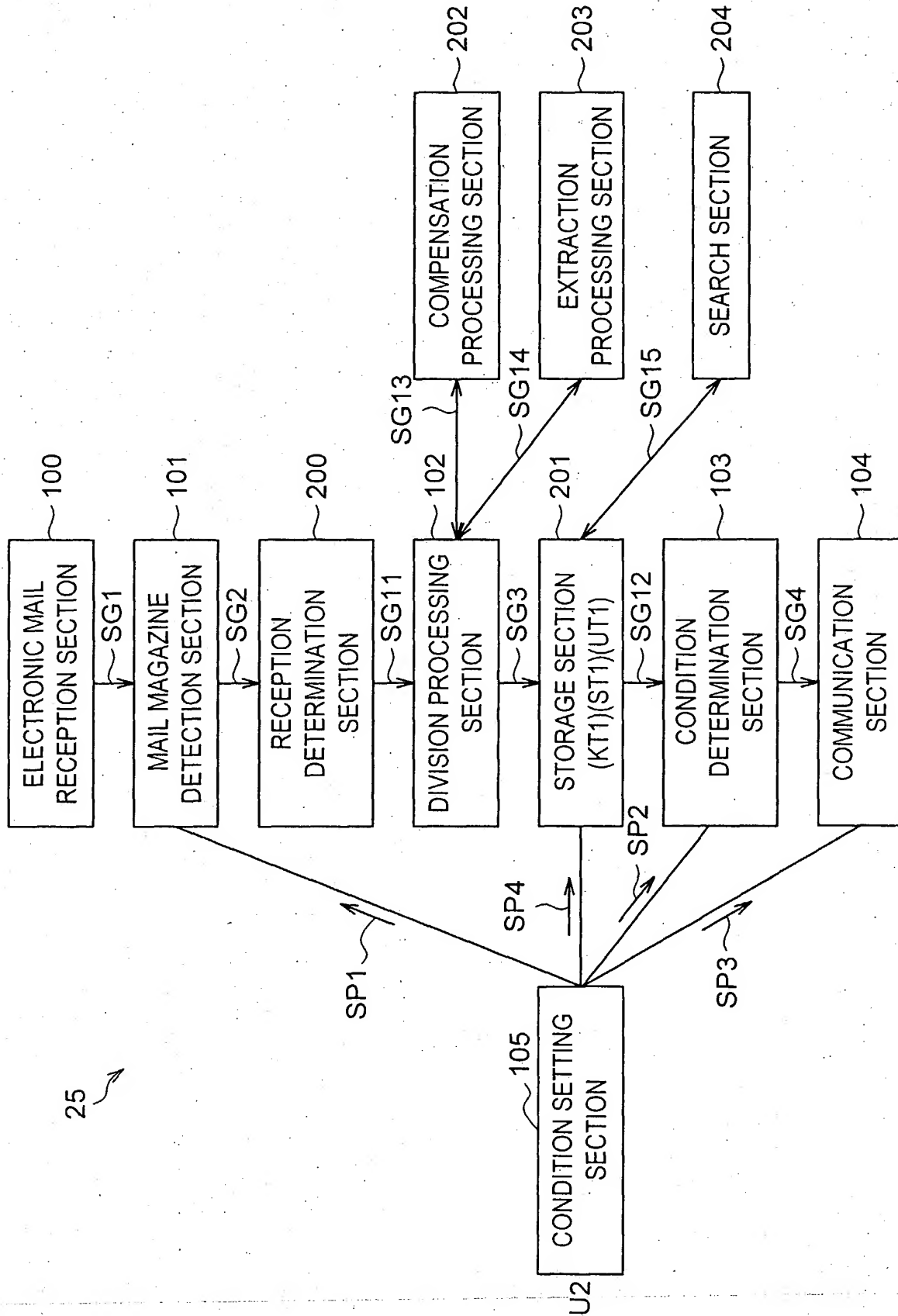
DIVISION INFORMATION TABLE  
 ST1

FIG.7

IT11L

<information>  
 <title>〇〇 Company made △△ public </title>  
 <residence>http://abc.def.jp/messare1.htm</ residence>  
 <summary><Key att='date'> on 〇(month) ×(day)</Key><Key  
att='company name'> 〇〇 Company</Key>made new product <Key  
att='product name'> △△</Key><key att='PR' > public</Key>.  
Price<Key att='price'> ranges from 2,500 to 10,000 yen</Key>.  
<key att='PR' >Sales starts</Key> <Key att='date'> on 〇(month)  
\*(day) </Key><Key att='area'> in nationwide </Key><Key att='place'>  
electric home appliances mass merchandisers</Key>. </summary>  
 <Key att='date'>on 〇(month) ×(day)</Key>  
 <Key att='company name'>〇〇company</Key>  
 <Key att='product name'>△△</Key>  
 <Key att='PR'>public </Key>  
 <Key att='price'> ranges from 2,500 to 10,000 yen </Key>  
 <Key att='area'> nationwide</Key>  
 <Key att='place'> electric home appliances mass  
merchandisers</Key>  
 <Key att='date'> on 〇(month) \*(day)</Key>  
 <Key att='PR'> Sales starts</Key>  
</information>

FIG. 8





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FIG.9

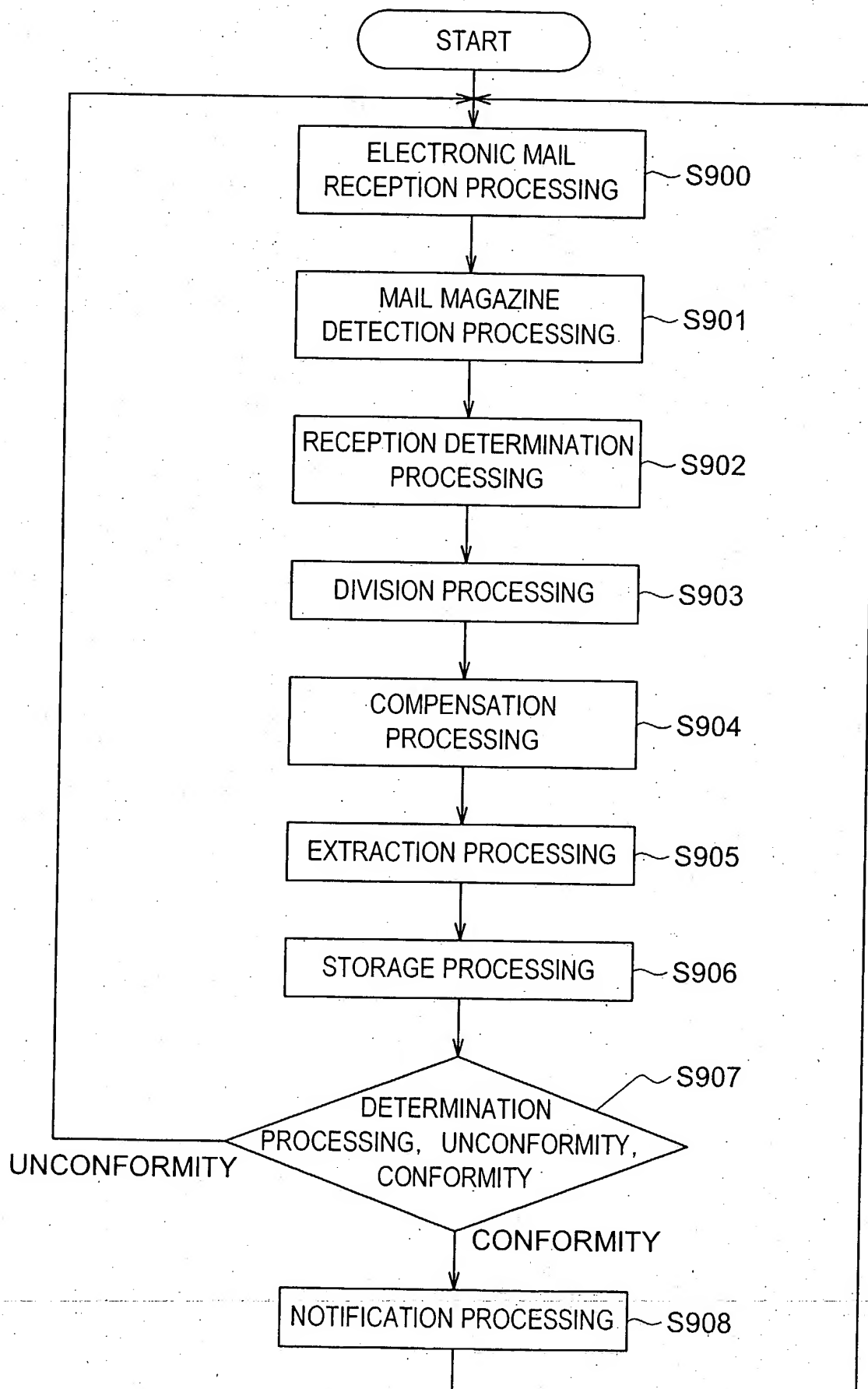


FIG.10

IT11 { LD11 ~  
AB11 ~  
UR11 ~ }

IT12 { LD12 ~  
UR12 ~ }

IT13 { LD13 ~  
UR13 ~ }

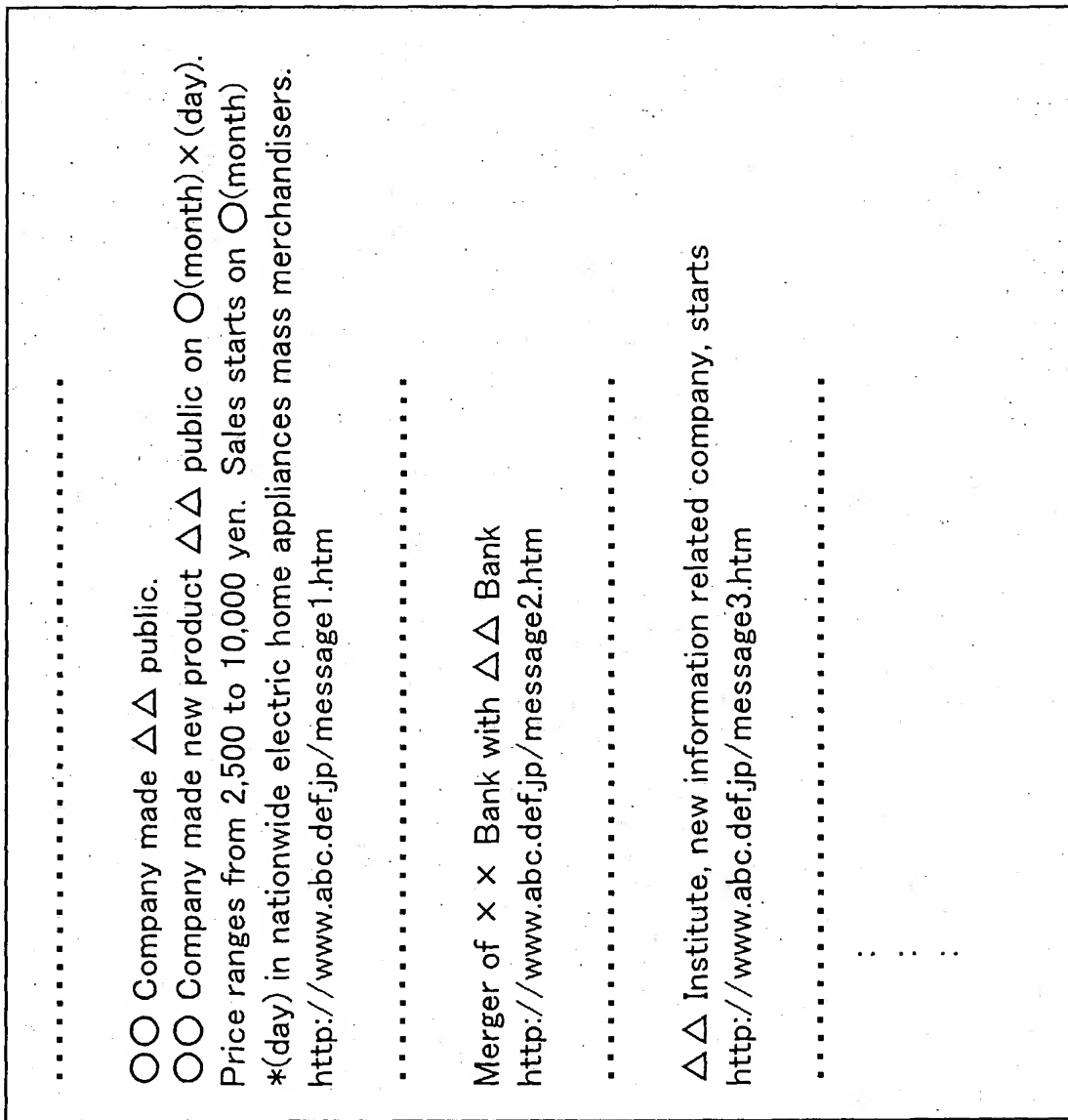


FIG.11A

○○ Company made △△ public.  
○○ Company made new product △△ public on ○(month) × (day).  
Price ranges from 2,500 to 10,000 yen. Sales starts on ○(month)  
\*(day) in nationwide electric home appliances mass merchandisers.  
<http://www.abc.def.jp/message1.htm>

IT11

FIG.11B

Merger of × × Bank with △△ Bank  
<http://www.abc.def.jp/message2.htm>

IT12

FIG.11C

△△ Institute, new information related company, starts  
<http://www.abc.def.jp/message3.htm>

IT13

FIG.12

```
<information>
  <title>〇〇 company made △△ public</title>
  <residence>http://www.abc.def.jp/message1.htm</residence>
  <summary>on 〇(month) ×(day),〇〇 company made new product
  △△ public. Price ranges from 2,500 to 10,000 yen. Sales starts on
  〇(month) *(day) in nationwide electric home appliances mass
  merchandisers.</summary>
</information>
```

IT11L

FIG.13

```
<information>
  <title>Merger of × × Bank with △△ Bank </ title>
  <residence>http://www.abc.def.jp/message1.htm </residence>
  <summary></ summary>
</information>
```

IT12L

FIG.14

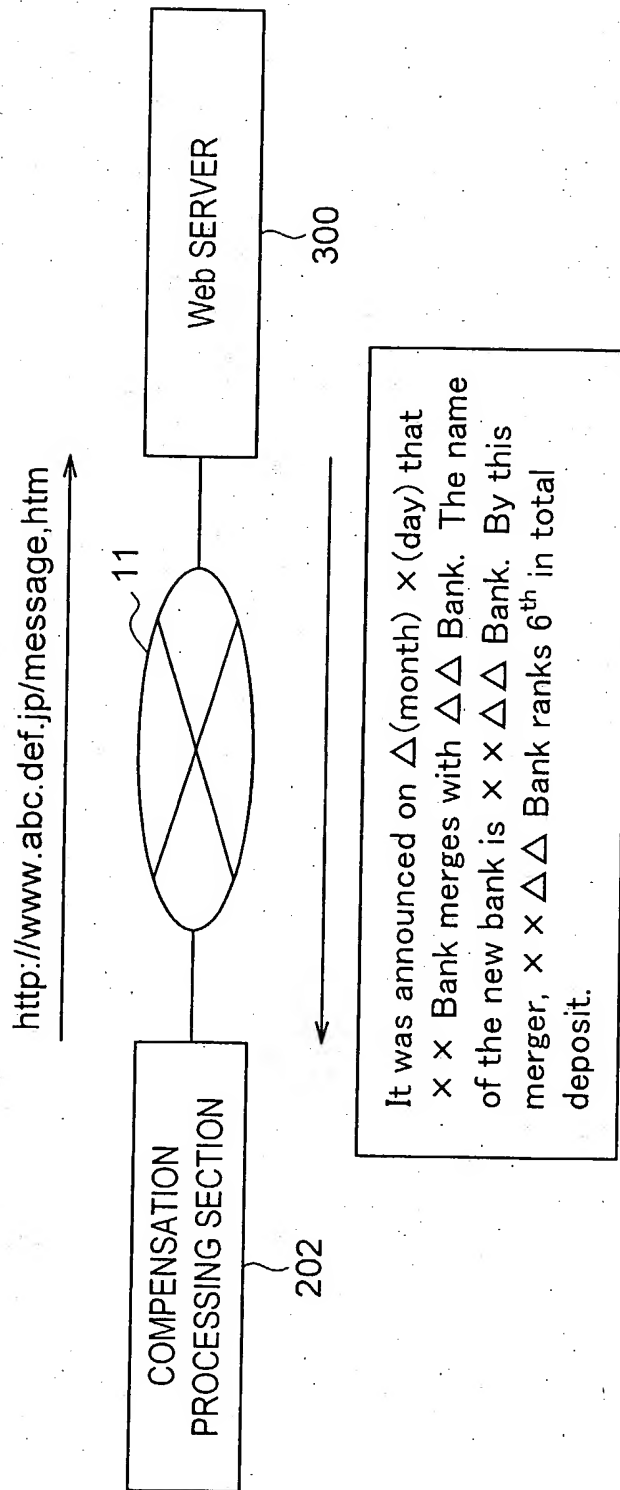


FIG.15

```
<information>
  <title> Merger of × × Bank with △△ Bank </ title>
  <residence>http://www.abc.def.jp/message1.htm </residence>
  <summary> It was announced on △(month) ×(day) that × × Bank
merges with △△ Bank. The name of the new bank is × × △△ Bank.
By this merger, × × △△ Bank ranks 6th in total deposit.</ summary>
</information>
```

IT12LD

FIG.16

